

IN THE CLAIMS

Please amend the claims to read as follows:

Listing of Claims

Claims 1-19 (Cancelled).

20. (New) A radio receiving apparatus using an automatic repeat request (ARQ) comprising:

a receiver configured to receive data from a radio transmitting apparatus;

an error detector configured to perform an error detection for the data; and

a transmitter configured to transmit, to the radio transmitting apparatus, an acknowledgment/negative-acknowledgment (ACK/NACK) signal based on a result of the error detection, and to transmit, to the radio transmitting apparatus, a control signal,

said control signal, pairing with the ACK/NACK signal, for governing operations including a new transmission, a retransmission, and no transmission performed in the radio transmitting apparatus.

21. (New) The radio receiving apparatus according to claim 20, wherein said control signal is for governing the operation that the radio transmitting apparatus resumes a transmission after performing no transmission.

22. (New) The radio receiving apparatus according to claim 20, wherein said control

signal is for governing the operations that the radio transmitting apparatus performs no transmission and keeps data in a buffer.

23. (New) The radio receiving apparatus according to claim 20, wherein said control signal is for governing the operations that the radio transmitting apparatus suspends a transmission and performs no transmission.

24. (New) The radio receiving apparatus according to claim 20, wherein the control signal is a suspend signal, said suspend signal for governing the operations that the radio transmitting apparatus suspends a transmission and performs no transmission, or a resume signal, said resume signal for governing the operation that the radio transmitting apparatus resumes a transmission after performing no transmission.

25. (New) The radio receiving apparatus according to claim 20, further comprising a channel quality measurer configured to measure a channel quality between the radio transmitting apparatus and the radio receiving apparatus, wherein the transmitter transmits the control signal based on the channel quality.

26. (New) The radio receiving apparatus according to claim 25, wherein said control signal is for governing the operations that the radio transmitting apparatus performs no transmission and keeps data in a buffer when the channel quality is equal to or less than a threshold.

27. (New) The radio receiving apparatus according to claim 25, wherein said control signal is for governing the operations that the radio transmitting apparatus performs no transmission and keeps data in a buffer when the channel quality is equal to or less than a threshold, and said control signal is for governing the operation that the radio transmitting apparatus resumes a transmission after performing no transmission when the channel quality become greater than the threshold.

28. (New) The radio receiving apparatus according to claim 25, wherein the radio receiving apparatus performs:

- (i) transmitting an ACK signal when said error detector detects no error for the data;
- (ii) transmitting a NACK signal when said error detector detects an error for the data and the channel quality is greater than a threshold;
- (iii) transmitting the control signal for governing the operations that the radio transmitting apparatus performs no transmission and keeps data in a buffer when said error detector detects an error for the data and the channel quality is equal to or less than the threshold; and
- (iv) transmitting the control signal for governing the operation that the radio transmitting apparatus resumes a transmission after performing no transmission when the channel quality become greater than the threshold.

29. (New) A radio transmitting apparatus using an automatic repeat request (ARQ) comprising:

a receiver configured to receive an acknowledgment/negative-acknowledgment (ACK/NACK) signal and a control signal which are transmitted from the radio receiving apparatus according to claim 20; and

a transmitter configured to transmit data, based on the ACK/NACK signal and the control signal.

30. (New) A radio transmitting apparatus using an automatic repeat request (ARQ) comprising:

a transmitter configured to perform operations, including a new transmission, a retransmission and no transmission of data to a radio receiving apparatus; and

a receiver configured to receive an acknowledgment/negative-acknowledgment (ACK/NACK) signal, which is transmitted based on a result of an error detection for the data in the radio receiving apparatus, and a control signal which is transmitted from the radio receiving apparatus;

wherein the operations are governed based on the ACK/NACK signal and the control signal.

31. (New) The radio transmitting apparatus according to claim 30, wherein said transmitter resumes a transmission after performing no transmission based on the control signal.

32. (New) The radio transmitting apparatus according to claim 30, wherein said transmitter performs no transmission and keeps data in a buffer based on the control signal.

33. (New) The radio transmitting apparatus according to claim 30, wherein said transmitter suspends a transmission and performs no transmission based on the control signal.

34. (New) A radio receiving method using an automatic repeat request (ARQ) comprising:

receiving data from a radio transmitting apparatus;

performing an error detection for the data;

transmitting, to the radio transmitting apparatus, an acknowledgment/negative-acknowledgment (ACK/NACK) signal based on a result of the error detection; and

transmitting, to the radio transmitting apparatus, a control signal,

said control signal, pairing with the ACK/NACK signal, for governing operations including a new transmission, a retransmission, and no transmission performed in the radio transmitting apparatus.

35. (New) A radio transmitting method using an automatic repeat request (ARQ) comprising:

performing operations, including a new transmission, a retransmission and no transmission of data to a radio receiving apparatus;

receiving an acknowledgment/negative-acknowledgment (ACK/NACK) signal, which is transmitted based on a result of an error detection for the data in the radio receiving apparatus, and a control signal which is transmitted from the radio receiving apparatus; and

governing the operations based on the ACK/NACK signal and the control signal.